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Derwent Title: Capsules of esterificated polysaccharide and polyamine - have membrane surface structure formed by transacylate reaction.

Original Title: ☒ **FR2703927A1:** UTILISATION D'UNE REACTION DE TRANSACYLATION ENTRE UN POLYSACCHARIDE ESTERIFIE ET UNE POLYAMINE POUR FORMER EN MILIEU AQUEUX UNE MEMBRANE AU MOINS EN SURFACE DE PARTICULES GELIFIEES.

Assignee: COLETICA Non-standard company

Inventor: EDWARDS-LEVY F; EDWARDS-LEVY F M; LEVY M; ORLY I; ORLY I L;

Accession/ 1994-335074 / 200428

Update:

IPC Code: B01J 13/14 ; B01J 13/16 ; A01N 3/00 ; A23C 9/12 ; A61K 7/00 ; A61K 9/14 ; A61K 9/16 ; A61K 9/50 ; A61K 47/36 ;

Derwent Classes: A97; B07; C07; D13; J04; A11; B04; D16;

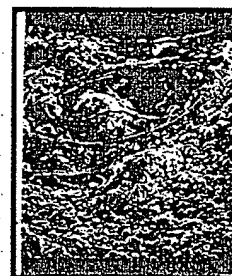
Manual Codes: A03-A00A(Polysaccharides uses) , A08-D03(Amines crosslinkers and accelerators for other polymers) , A10-E07(Chemical modification by esterification) , A12-W05 (Encapsulated articles) , B04-C02D(Polysaccharides from plant) , B04-C03D(Natural, other condensation [exc. polyethers]) , B14-R01(Cosmetic general and other) , C04-C02(Polysaccharides [general]) , C04-C02D (Polysaccharides from plant) , C04-C03D(Natural, other condensation [exc. polyether]) , C10-B01(Polyamine [general]) , C12-M11C(Capsule) , C14-E11(Anabolic, anorexia treatment) , C14-R01(Cosmetic general and other) , D03-H01(Foodstuffs; non-alcoholic beverages and preparations not provided for elsewhere, general) , D05-A02(Other enzyme process (non-fixed) general) , J04-A05(Granulation, pelleting)

Derwent Abstract: (FR2703927A) The particle, especially a ball or capsule or sphere, is of an esterificated polysaccharide and a polyamine which do not gel augmented by a polysaccharide which does gel. The particle has at least one membrane surface formed by transacylate reaction through the covalency between them within a soluble gel.

Use - The composition is for applications such as cosmetic, pharmaceutical, nutrition, enzyme, or for cleaning the blood, for agriculture, for seed coating or in biotechnology. They can contain a hormone or antibody or haemoglobin, active carbon, tissue or organ material, microorganisms, seeds or eggs or bacteria.

Advantage - The method gives a membrane structure in a strictly watery medium.

Images:

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Dwg.0/4, Dwg.0/4, DwU.0/4

Family:

PDF Patent	Pub. Date	Derwent Update	Pages	Language	IPC Code
<input checked="" type="checkbox"/> FR2703927A1 *	1994-10-21	199442	49	French	B01J 13/16
Local appls.: FR1993000004332 Filed:1993-04-13 (93FR-0004332)					
JP03524096B2 =	2004-04-26	200428	22	English	B01J 13/14
Local appls.: Previous Publ. JP08508933 (JP 8508933)					
Based on <u>WO9423832</u> (WO 9423832)					
JP1994000522829 Filed:1994-04-13 (94JP-0522829)					
<u>WO1994FR0000409</u> Filed:1994-04-13 (94WO-FR00409)					
<input checked="" type="checkbox"/> ES2102855T3 =	1997-08-01	199737		Spanish	B01J 13/14
Local appls.: Based on <u>EP00693963</u> (EP 693963)					
<u>EP1994000913638</u> Filed:1994-04-13 (94EP-0913638)					
<input checked="" type="checkbox"/> US5635609 =	1997-06-03	199728	19	English	B01J 13/14
Local appls.: Based on <u>WO9423832</u> (WO 9423832)					
<u>US1995000492057</u> Filed:1995-07-20 (95US-0492057)					
<u>WO1994FR0000409</u> Filed:1994-04-13 (94WO-FR00409)					
<input checked="" type="checkbox"/> DE69402310E =	1997-04-30	199723		German	B01J 13/14
Local appls.: Based on <u>WO9423832</u> (WO 9423832)					
Based on <u>EP00693963</u> (EP 693963)					
<u>DE1994000602310</u> Filed:1994-04-13 (94DE-0602310)					
<u>WO1994FR0000409</u> Filed:1994-04-13 (94WO-FR00409)					
<u>EP1994000913638</u> Filed:1994-04-13 (94EP-0913638)					
<input checked="" type="checkbox"/> EP0693963B1 =	1997-03-26	199717	38	French	B01J 13/14
Des. States: (R) AT BE CH DE ES FR GB IT LI NL					
Local appls.: Based on <u>WO9423832</u> (WO 9423832)					
<u>WO1994FR0000409</u> Filed:1994-04-13 (94WO-FR00409)					
<u>EP1994000913638</u> Filed:1994-04-13 (94EP-0913638)					
JP08508933W =	1996-09-24	199704	62	English	B01J 13/14
Local appls.: Based on <u>WO9423832</u> (WO 9423832)					

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JP1994000522829 Filed:1994-04-13 (94JP-0522829)
 WO1994FR0000409 Filed:1994-04-13 (94WO-FR000409)


 EP0693963A1 = 1996-01-31 199609 French B01J 13/14

Des. States: (R) AT BE CH DE ES FR GB IT LI NL

Local appls.: Based on WO9423832 (WO 9423832)

EP1994000913638 Filed:1994-04-13 (94EP-0913638)


WO1994FR0000409 Filed:1994-04-13 (94WO-FR000409)

 WO9423832A1 = 1994-10-27 199442 64 English B01J 13/14

Des. States: (N) CA JP US


(R) AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE


Local appls.: WO1994FR0000409 Filed:1994-04-13 (94WO-FR000409)

 INPADOC Legal Status: None


 Priority Number:


Application Number	Filed	Original Title
FR1993000004332	1993-04-13	

 Chemical Indexing Codes: [Show chemical indexing codes](#)


 Markush [Show Markush numbers](#)


Compound Numbers:


 Extended Polymer Index: [Show extended polymer index](#)

 Specific [Show specific compounds](#)


Compound Numbers:

 Registry Numbers:
 10[M1]:1866U
 05[M2]:0819U
 07[M2]:1062U
 08[M2]:0915U
 09[M2]:0624U 0793U 0850U

 Unlinked Registry Numbers: 0368U 0624U 0743U 0793U 0819U 0850U 0915U 1062U 1514U 1866U





 Polymer [Show polymer multipunch codes](#)

Multipunch Codes:

 Polymer Keyterm [Show polymer keyterm serial numbers](#)

Serial Number:

 Citations:

PDF	Patent	Original Title
	GB2145992	MICROENCAPSULATION OF VIABLE CELLS
	US3503769	METHOD OF MODIFYING ALKYLENE GLYCOL ALGINATES
	US4352883	ENCAPSULATION OF BIOLOGICAL MATERIAL
	US5132242	FLUORESCENT MICROSPHERES AND METHODS OF USING THEM

 Related Accessions:

Accession Number	Type	Derwent Update	Derwent Title
C1994-152343	C		
1 item found			

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Title Terms: CAPSULE POLYSACCHARIDE MEMBRANE SURFACE STRUCTURE
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